

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/540,167
Source: IFWP
Date Processed by STIC: 8/9/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)**
- 2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**
- 3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):**
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 10/540,167

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

- 2 Invalid Line Length The rules require that a line **not exceed** 72 characters in length. This includes white spaces.

- 3 Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.

- 4 Non-ASCII The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. **Please ensure your subsequent submission is saved in ASCII text.**

- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

- 6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**

- 7 Skipped Sequences
 (OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for **each** skipped sequence:
 (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
 (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped
 Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.

- 8 Skipped Sequences
 (NEW RULES) Sequence(s) missing. If **intentional**, please insert the following lines for **each** skipped sequence.
 <210> sequence id number
 <400> sequence id number
 000

- 9 Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
 Per 1.823 of Sequence Rules, use of <220>-<223> is **MANDATORY** if n's or Xaa's are present.
 In <220> to <223> section, please explain location of **n** or **Xaa**, and which residue **n** or **Xaa** represents.

- 10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence. (see item 11 below)

- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is **MANDATORY** if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section or use "chemically synthesized" as explanation. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32), also Sec. 1.823 of Sequence Rules

- 12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

- 13 Misuse of n/Xaa "n" can **only** represent a single nucleotide; "Xaa" can **only** represent a single amino acid



IFWP

RAW SEQUENCE LISTING

DATE: 08/09/2006

PATENT APPLICATION: US/10/540,167

TIME: 09:48:37

Input Set : A:\Sequence Listing of 10_540_167.txt

Output Set: N:\CRF4\08092006\J540167.raw

3 <110> APPLICANT: BOUWSTRA, Jan Bastiaan
 4 VAN ES, Andries Johannes Jozef
 5 TODA, Yuzo
 7 <120> TITLE OF INVENTION: Process for coating cell-culture support
 10 <130> FILE REFERENCE: BOUWSTRA-5
 12 <140> CURRENT APPLICATION NUMBER: US 10/540,167
 C--> 13 <141> CURRENT FILING DATE: 2005-06-17
 15 <150> PRIOR APPLICATION NUMBER: PCT/NL03/00922
 16 <151> PRIOR FILING DATE: 2003-12-23
 18 <150> PRIOR APPLICATION NUMBER: EP 02080539.6
 19 <151> PRIOR FILING DATE: 2002-12-23
 22 <160> NUMBER OF SEQ ID NOS: 1
 24 <170> SOFTWARE: PatentIn version 3.1
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 617
 28 <212> TYPE: PRT
 29 <213> ORGANISM: Artificial sequence
 31 <220> FEATURE:
 32 <223> OTHER INFORMATION: Hu-3
 34 <400> SEQUENCE: 1
 36 Gly Pro Pro Gly Glu Pro Gly Pro Thr Gly Leu Pro Gly Pro Pro Gly
 37 1 5 10 15
 40 Glu Arg Gly Gly Pro Gly Ser Arg Gly Phe Pro Gly Ala Asp Gly Val
 41 20 25 30
 44 Ala Gly Pro Lys Gly Pro Ala Gly Glu Arg Gly Ser Pro Gly Pro Ala
 45 35 40 45
 48 Gly Pro Lys Gly Ser Pro Gly Glu Ala Gly Arg Pro Gly Glu Ala Gly
 49 50 55 60
 52 Leu Pro Gly Ala Lys Gly Leu Thr Gly Ser Pro Gly Ser Pro Gly Pro
 53 65 70 75 80
 56 Asp Gly Lys Thr Gly Pro Pro Gly Pro Ala Gly Gln Asp Gly Arg Pro
 57 85 90 95
 60 Gly Pro Pro Gly Pro Pro Gly Ala Arg Gly Gln Ala Gly Val Met Gly
 61 100 105 110
 64 Phe Pro Gly Pro Lys Gly Ala Ala Gly Glu Pro Gly Lys Ala Gly Glu
 65 115 120 125
 68 Arg Gly Val Pro Gly Pro Pro Gly Ala Val Gly Pro Ala Gly Lys Asp
 69 130 135 140
 72 Gly Glu Ala Gly Ala Gln Gly Pro Pro Gly Pro Ala Gly Pro Ala Gly
 73 145 150 155 160
 76 Glu Arg Gly Glu Gln Gly Pro Ala Gly Ser Pro Gly Phe Gln Gly Leu
 77 165 170 175
 80 Pro Gly Pro Ala Gly Pro Pro Gly Glu Ala Gly Lys Pro Gly Glu Gln

Does Not Comply
 Corrected Diskette Needed

insufficient explanation - give source of
 genetic material

(see item 11 on
 Error Summary
 sheet)

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Input Set : A:\Sequence Listing of 10_540_167.txt

Output Set: N:\CRF4\08092006\J540167.raw

```

81          180          185          190
84 Gly Val Pro Gly Asp Leu Gly Ala Pro Gly Pro Ser Gly Pro Ala Gly
85          195          200          205
88 Glu Pro Gly Pro Thr Gly Leu Pro Gly Pro Pro Gly Glu Arg Gly Gly
89          210          215          220
92 Pro Gly Ser Arg Gly Phe Pro Gly Ala Asp Gly Val Ala Gly Pro Lys
93 225          230          235          240
96 Gly Pro Ala Gly Glu Arg Gly Ser Pro Gly Pro Ala Gly Pro Lys Gly
97          245          250          255
100 Ser Pro Gly Glu Ala Gly Arg Pro Gly Glu Ala Gly Leu Pro Gly Ala
101          260          265          270
104 Lys Gly Leu Thr Gly Ser Pro Gly Ser Pro Gly Pro Asp Gly Lys Thr
105          275          280          285
108 Gly Pro Pro Gly Pro Ala Gly Gln Asp Gly Arg Pro Gly Pro Pro Gly
109          290          295          300
112 Pro Pro Gly Ala Arg Gly Gln Ala Gly Val Met Gly Phe Pro Gly Pro
113 305          310          315          320
116 Lys Gly Ala Ala Gly Glu Pro Gly Lys Ala Gly Glu Arg Gly Val Pro
117          325          330          335
120 Gly Pro Pro Gly Ala Val Gly Pro Ala Gly Lys Asp Gly Glu Ala Gly
121          340          345          350
124 Ala Gln Gly Pro Pro Gly Pro Ala Gly Pro Ala Gly Glu Arg Gly Glu
125          355          360          365
128 Gln Gly Pro Ala Gly Ser Pro Gly Phe Gln Gly Leu Pro Gly Pro Ala
129          370          375          380
132 Gly Pro Pro Gly Glu Ala Gly Lys Pro Gly Glu Gln Gly Val Pro Gly
133 385          390          395          400
136 Asp Leu Gly Ala Pro Gly Pro Ser Gly Pro Ala Gly Glu Pro Gly Pro
137          405          410          415
140 Thr Gly Leu Pro Gly Pro Pro Gly Glu Arg Gly Gly Pro Gly Ser Arg
141          420          425          430
144 Gly Phe Pro Gly Ala Asp Gly Val Ala Gly Pro Lys Gly Pro Ala Gly
145          435          440          445
148 Glu Arg Gly Ser Pro Gly Pro Ala Gly Pro Lys Gly Ser Pro Gly Glu
149          450          455          460
152 Ala Gly Arg Pro Gly Glu Ala Gly Leu Pro Gly Ala Lys Gly Leu Thr
153 465          470          475          480
156 Gly Ser Pro Gly Ser Pro Gly Pro Asp Gly Lys Thr Gly Pro Pro Gly
157          485          490          495
160 Pro Ala Gly Gln Asp Gly Arg Pro Gly Pro Pro Gly Pro Pro Gly Ala
161          500          505          510
164 Arg Gly Gln Ala Gly Val Met Gly Phe Pro Gly Pro Lys Gly Ala Ala
165          515          520          525
168 Gly Glu Pro Gly Lys Ala Gly Glu Arg Gly Val Pro Gly Pro Pro Gly
169          530          535          540
172 Ala Val Gly Pro Ala Gly Lys Asp Gly Glu Ala Gly Ala Gln Gly Pro
173 545          550          555          560
176 Pro Gly Pro Ala Gly Pro Ala Gly Glu Arg Gly Glu Gln Gly Pro Ala
177          565          570          575

```

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Input Set : A:\Sequence Listing of 10_540_167.txt

Output Set: N:\CRF4\08092006\J540167.raw

```
180 Gly Ser Pro Gly Phe Gln Gly Leu Pro Gly Pro Ala Gly Pro Pro Gly
181          580          585          590
184 Glu Ala Gly Lys Pro Gly Glu Gln Gly Val Pro Gly Asp Leu Gly Ala
185          595          600          605
188 Pro Gly Pro Ser Gly Pro Ala Gly Gly
189      610          615
```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/540,167

DATE: 08/09/2006

TIME: 09:48:38

Input Set : A:\Sequence Listing of 10_540_167.txt

Output Set: N:\CRF4\08092006\J540167.raw

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date